

Message Text

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PAGE 01 BONN 03437 281809Z

15

ACTION DOTE-00

INFO OCT-01 EUR-12 ISO-00 EB-07 COME-00 CIAE-00 INR-07

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FM AMEMBASSY BONN

TO SECSTATE WASHDC 8350

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DEPT PASS DOT

E. O. 11652: N/A

TAGS: TECH, ELTN, GW

SUBJECT: FRG HIGH-SPEED TRANSPORTATION TEST

REF: (A) BONN A-601, (B) BONN A-52

1. ACCORDING TO A RECENT ARTICLE IN "DIE WELT", THE EXPERIMENTAL MAGNETIC LEVITATION VEHICLE BEING DEVELOPED BY AEG, BBC, AND SIEMENS REACHED A MAXIMUM 230 KM/HR. THE TEST, WHICH WAS RUN AT THE 280-METER (DIAMETER) CIRCULAR COURSE AT ERLANGEN, PRODUCED THE HIGHEST SPEED THAT HAS YET BEEN ACHIEVED WITH A LINEAR-INDUCTION MOTOR IN EUROPE.

2. THE TEST, HOWEVER, WAS RUN WITH THE VEHICLE STILL SUPPORTED ON WHEELS. THE FIRST ATTEMPT WILL BE MADE SOMETIME THIS YEAR, ACCORDING TO THE ARTICLE, TO RUN A LEVITATED TEST. THE ELECTRO-DYNAMIC METHOD TO BE EMPLOYED DIFFERS FROM OTHER METHODS OF LEVITATION IN THAT MAGNETIC SUPPORT IS BROUGHT INTO PLAY ONLY AFTER A MINIMUM SPEED IS REACHED, THUS PRECLUDING THE NEED FOR COMPLICATED ELECTRONIC REGULATING DEVICES.
HILLENBRAND

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Message Attributes

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Decaption Note:
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Disposition Approved on Date:
Disposition Authority: n/a
Disposition Case Number: n/a
Disposition Comment:
Disposition Date: 01 JAN 1960
Disposition Event:
Disposition History: n/a
Disposition Reason:
Disposition Remarks:
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Margaret P. Grafeld
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